

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/527,588
Source: P47/10
Date Processed by STIC: 3/25/05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,588

TIME: 08:56:20

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\03252005\J527588.raw

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3 <110> APPLICANT: Universit di Torino
5 <120> TITLE OF INVENTION: A novel mechanism for HIV-1 entry into host cells and
6 peptides inhibiting this mechanism
8 <130> FILE REFERENCE: 28665PEP1_RI
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/527,588
C--> 11 <141> CURRENT FILING DATE: 2005-03-14
13 <160> NUMBER OF SEQ ID NOS: 132
15 <170> SOFTWARE: PatentIn Ver. 2.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 86
19 <212> TYPE: PRT
20 <213> ORGANISM: HIV
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24 1 5 10 15
26 Gln Pro Lys Thr Ala Cys Thr Asn Cys Tyr Cys Lys Lys Cys Cys Phe
27 20 25 30
29 His Cys Gln Val Cys Phe Ile Thr Lys Ala Leu Gly Ile Ser Tyr Gly
30 35 40 45
32 Arg Lys Lys Arg Arg Gln Arg Arg Ala His Gln Asn Ser Gln Thr
33 50 55 60
35 His Gln Ala Ser Leu Ser Lys Gln Pro Thr Ser Gln Pro Arg Gly Asp
36 65 70 75 80
38 Pro Thr Gly Pro Lys Glu
39 85
43 <210> SEQ ID NO: 2
44 <211> LENGTH: 13
45 <212> TYPE: PRT
46 <213> ORGANISM: HIV
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50 1 5 10
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55 <211> LENGTH: 12
56 <212> TYPE: PRT
57 <213> ORGANISM: HIV
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60 Cys Pro Asp Arg Lys Lys Lys Val Val Met Val Cys
61 1 5 10
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 6
67 <212> TYPE: PRT
68 <213> ORGANISM: Artificial Sequence

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70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
72 inhibitor
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75 Cys Ser Phe Asn Ile Thr
76 1 5
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 6
82 <212> TYPE: PRT
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
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89 <400> SEQUENCE: 5
90 Cys Ser Phe Lys Ile Thr
91 1 5
95 <210> SEQ ID NO: 6
96 <211> LENGTH: 6
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
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104 <400> SEQUENCE: 6
105 Cys Ser Phe Asn Met Thr
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111 <211> LENGTH: 6
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
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116 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
117 inhibitor
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120 Cys Ser Phe Asn Val Thr
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128 <213> ORGANISM: Artificial Sequence
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131 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
132 inhibitor
134 <400> SEQUENCE: 8
135 Cys Ser Phe Gln Val Thr
136 1 5
140 <210> SEQ ID NO: 9
141 <211> LENGTH: 6
142 <212> TYPE: PRT

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143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
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151   1           5
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157 <212> TYPE: PRT
158 <213> ORGANISM: Artificial Sequence
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165 Cys Ser Phe Asn Thr Thr
166   1           5
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173 <213> ORGANISM: Artificial Sequence
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180 Cys Ser Tyr Asn Ile Thr
181   1           5
185 <210> SEQ ID NO: 12
186 <211> LENGTH: 6
187 <212> TYPE: PRT
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
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194 <400> SEQUENCE: 12
195 Cys Thr Phe Asn Ile Thr
196   1           5
200 <210> SEQ ID NO: 13
201 <211> LENGTH: 6
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
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210 Cys Thr Phe Asn Thr Thr
211   1           5
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216 <211> LENGTH: 6

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217 <212> TYPE: PRT
218 <213> ORGANISM: Artificial Sequence
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246 <211> LENGTH: 6
247 <212> TYPE: PRT
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255 Cys Ser Phe Lys Val Thr
256 1 5
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262 <212> TYPE: PRT
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
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269 <400> SEQUENCE: 17
270 Cys Ser Phe Asp Ile Thr
271 1 5
275 <210> SEQ ID NO: 18
276 <211> LENGTH: 6
277 <212> TYPE: PRT
278 <213> ORGANISM: Artificial Sequence
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281 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
282 inhibitor
284 <400> SEQUENCE: 18
285 Cys Glu Phe Asn Ile Thr
286 1 5
290 <210> SEQ ID NO: 19

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291 <211> LENGTH: 6
292 <212> TYPE: PRT
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
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299 <400> SEQUENCE: 19
300 Cys Glu Phe Asn Val Thr
301   1           5
305 <210> SEQ ID NO: 20
306 <211> LENGTH: 6
307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
312     inhibitor
314 <400> SEQUENCE: 20
315 Cys Glu Phe Asn Ala Thr
316   1           5
320 <210> SEQ ID NO: 21
321 <211> LENGTH: 6
322 <212> TYPE: PRT
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
327     inhibitor
329 <400> SEQUENCE: 21
330 Cys Glu Phe Asn Thr Thr
331   1           5
335 <210> SEQ ID NO: 22
336 <211> LENGTH: 6
337 <212> TYPE: PRT
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
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342     inhibitor
344 <400> SEQUENCE: 22
345 Cys Asn Phe Asn Gln Ser
346   1           5
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351 <211> LENGTH: 3
352 <212> TYPE: PRT
353 <213> ORGANISM: Artificial Sequence
355 <220> FEATURE:
356 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
357     inhibitor
359 <400> SEQUENCE: 23
360 Thr Glu Ile
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/527,588

DATE: 03/25/2005

TIME: 08:56:21

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\03252005\J527588.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date